

Claims

1. Damping device (30) for hinges (10) for the pivotable articulation of door leaves (12) or door flaps on the carcass of pieces of furniture, in which the hinge has respectively a supporting wall mounting part (18) which can be fixed on the supporting wall (14) of the carcass and a door leaf mounting part (24) which is pivotably coupled via a linkage mechanism (20; 22) to the supporting wall mounting part and can be fixed on the inner face of the door leaf or flap, preferably as a door leaf mounting part which is countersunk and engages in a recess in the door leaf or flap and which has laterally projecting fixing flanges which bear on the inner face, wherein the damping device (30) has a damper housing (32) which is provided on the door leaf mounting part (24) and which is provided in the cavity thereof with a fluid or gaseous damping medium and a resistance element which is movable relative to the damping medium and is coupled to an actuating element (39) which extends out of the housing, wherein at least during part of the pivoting movement of the mounting parts (18, 24) relative to one another the actuating element is in engaged connection directly or indirectly with the supporting wall mounting part (18) and transmits to the resistance element the relative movement of the mounting parts as they pivot, characterised in that the damper housing (32) is a separate component which is provided with laterally projecting fixing flanges (38, 46) which can be fixed on the fixing flanges (48) of the door leaf mounting part (24).

2. Damping device as claimed in Claim 1, characterised in that at least some areas of the fixing flanges (38) of the damper housing are shaped so that they correspond substantially to the outer boundary of the fixing flanges of the door leaf mounting part (24) and are provided in their edge region with a projecting narrow edge portion (40) which engages over the edges of the fixing flanges of the door leaf mounting part in the prescribed fixing position on the door leaf mounting part (24), and that fixing means are provided for releasable connection of the edge portions (40) to the edges of the fixing flanges of the door leaf mounting part (24).

3. Damping device as claimed in Claim 2, characterised in that the fixing means are preferably formed by projections (42; 46) on the narrow edge portions (40) which can be latched on or under the edges of the fixing flanges of the door leaf mounting part.

4. Damping device as claimed in Claim 1 for hinges in which the door leaf mounting part (24) is provided in the region of its fixing flanges (48) with a plate (44) which is intended for covering of the fixing flanges and/or actuation of additional fixing means for the mounting part and which at least covers parts of the fixing flanges in the prescribed covered or fixed position bearing on the fixing flanges (48), wherein the said plate is disposed so that it can be pivoted up about an axis (a) extending parallel to the hinge pivot axis on the door leaf stop part (24), characterised in that the damper housing (32) and the plate (44) are combined into one integral component.

5. Damping device as claimed in Claim 1 for hinges in which the door leaf mounting part (24) is provided in the region of its fixing flanges (48) with a plate (44) which is intended for covering of the fixing flanges and/or actuation of additional fixing means for the mounting part and which at least covers parts of the fixing flanges in the prescribed covered or fixed position bearing on the fixing flanges (48), wherein the said plate is disposed so that it can be pivoted up about an axis (a) extending parallel to the hinge pivot axis on the door leaf stop part (24), characterised in that the fixing flanges projecting from the damper housing (32) are formed by thin flat tab-like extensions (46) which only cover parts of the fixing flanges of the door leaf mounting part and which when the covering or fixing plate (44) of the door leaf mounting part (24) is pivoted up can be placed on associated areas of the fixing flanges of the door leaf mounting part and can be releasably connected to the fixing flanges of the mounting part and can be covered and secured against separation from the door leaf mounting part after the covering or fixing plate (44) of the door leaf mounting part (24) has been pivoted down.

6. Damping device as claimed in Claim 5, characterised in that fixing projections and recesses which interengage so as to interlock are provided in the regions of the tab-like extensions (46) of the damper housing (32) and of the fixing flanges (48) of the door leaf mounting part (24).

7. Damping device as claimed in Claim 6, characterised in that at least one through hole (50) is provided in each of the tab-like extensions (46) of the damper housing (32) and each

such hole can be placed onto an associated projection of the fixing flanges (48) of the door leaf mounting part (24) which is of complementary shape in cross-section.

8. Damping device as claimed in Claim 6 or 7, characterised in that in the regions of the tab-like extensions (46) of the damper housing (32) and the opposing regions of the fixing flanges (48) of the door leaf mounting part (24) which lie one above the other in the prescribed covering or fixing position, in each case at least one aligned through hole is provided through which the shank of an additional fixing screw can pass in each case.